FIG.37

FLOW OF GENERATING MESSAGE OBJECT (S3073)

S3072
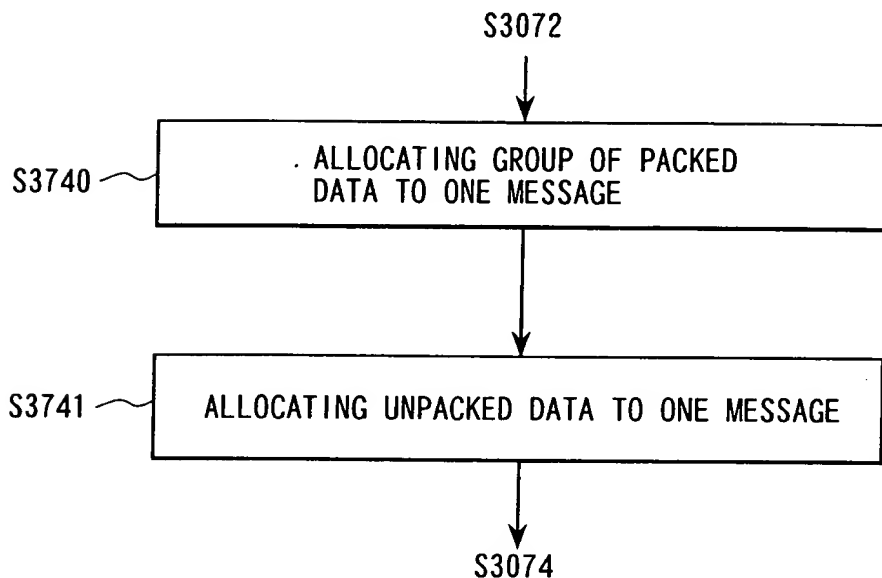
S3740 — ALLOCATING GROUP OF PACKED DATA TO ONE MESSAGE

S3741 — ALLOCATING UNPACKED DATA TO ONE MESSAGE

S3074

FIG.40

PROCESSING OF SETTING MESSAGE OBJECT ITEM (S3074)

S3872
RECEIVING? — YES

S3873
AT ARRIVAL OF MESSAGE

NO

S3874
PACKING? — NO

YES

S3875
AFTER COMPLETION OF MODULE OUTPUTTING LAST DATA AMONG DATA TO BE OUTPUT

S3876
AFTER COMPLETION OF MODULE OUTPUTTING DATA
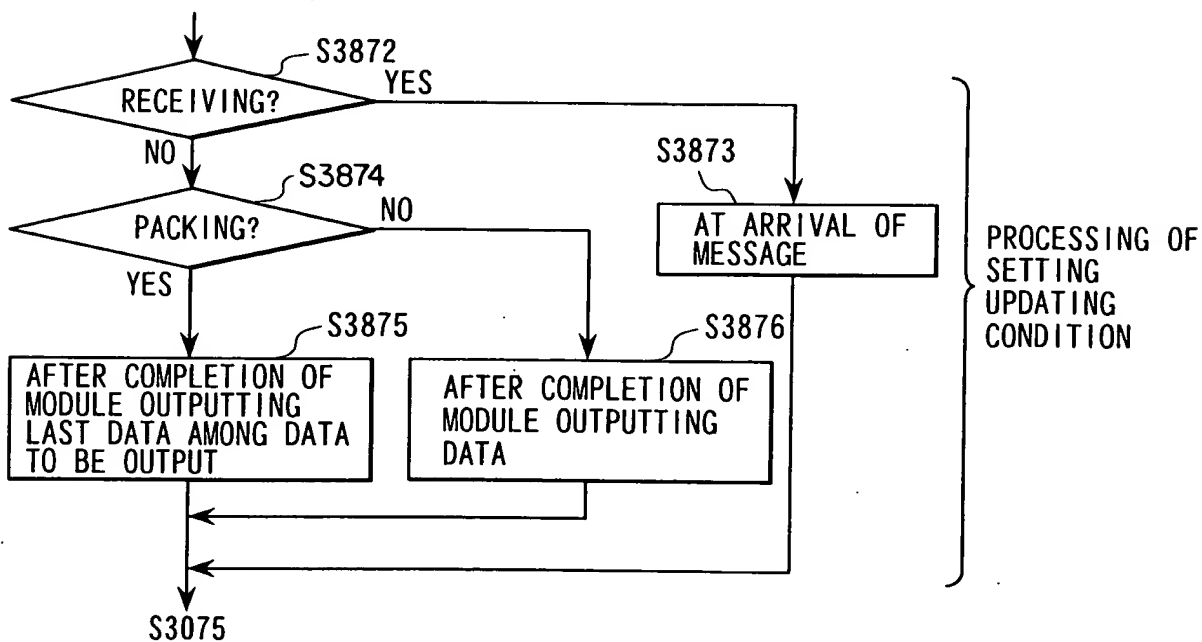
PROCESSING OF SETTING UPDATING CONDITION

S3075

FIG.39

PROCESSING OF SETTING MESSAGE OBJECT ITEM (S3074)

S3860 READING? —NO

YES S3861

EXTRACTING TASK TO BE READ

S3862
STARTING BY TASK INFORMATION IS AFTER UPDATING THE MESSAGE? —YES— S3862 SETTING TASK START

NO

S3864
WAITING BEFORE AP MODULE TO BE READ? —YES— S3865 SETTING EVENT SET

NO

YES— IS THERE ANY OTHER TASK TO BE READ? S3866

NO

PROCESSING OF SETTING ACTION AFTER UPDATING

S3867
WRITING? —NO

YES

S3869
READING? —NO— S3868 NULL

YES S3870
MAXIMUM VALUE AMONG PRIORITIES OF TASKS TO BE READ

S3871
PRIORITY OF TASK TO BE WRITTEN

PROCESSING OF SETTING PRIORITY

S3872